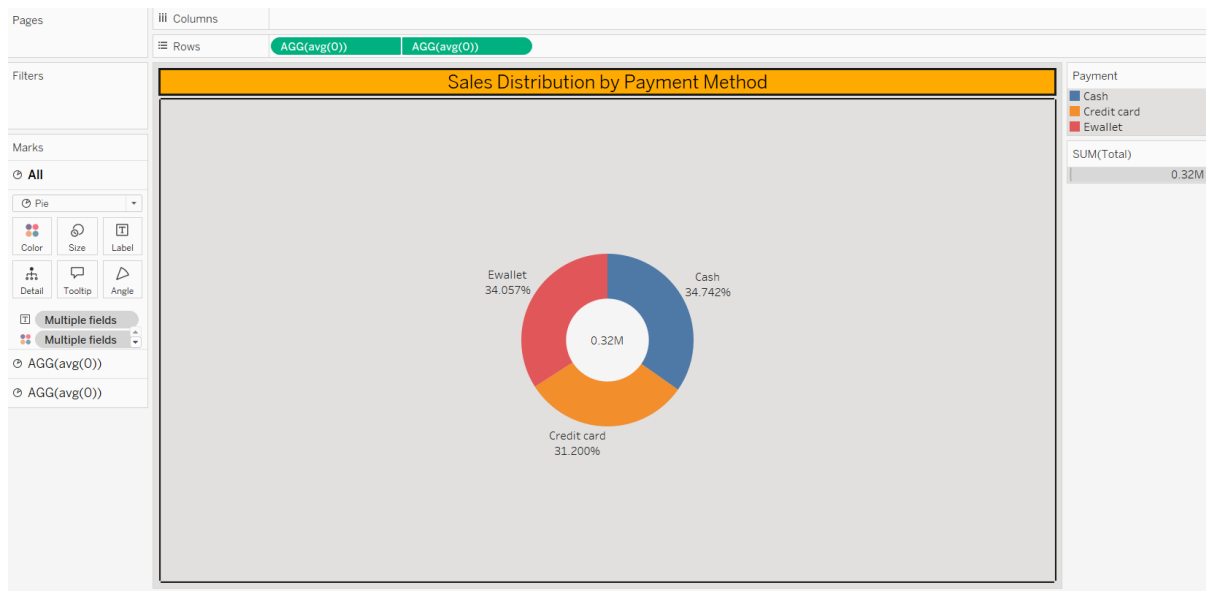**Name: Valluripalli Naga Poojitha**

Team Member - 4

Assignment -2
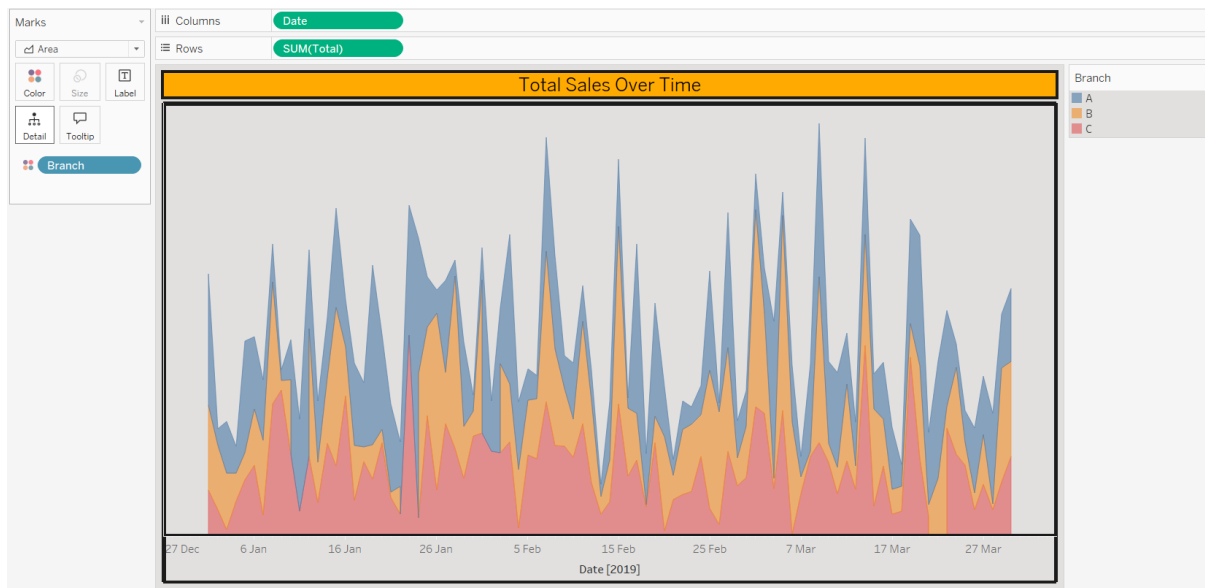
Supermarket Sales Data Analysis Report – Tableau Visualizations

1.Donut Chart - Sales Distribution by Payment Method

> ➢ **Avg(0) and avg(0). For pane Avg(0): Color shows details about Payment. Size shows sum of Total. The marks are labeled by Payment and % of Total Total. For pane Avg(0): The marks are labeled by sum of Total.**
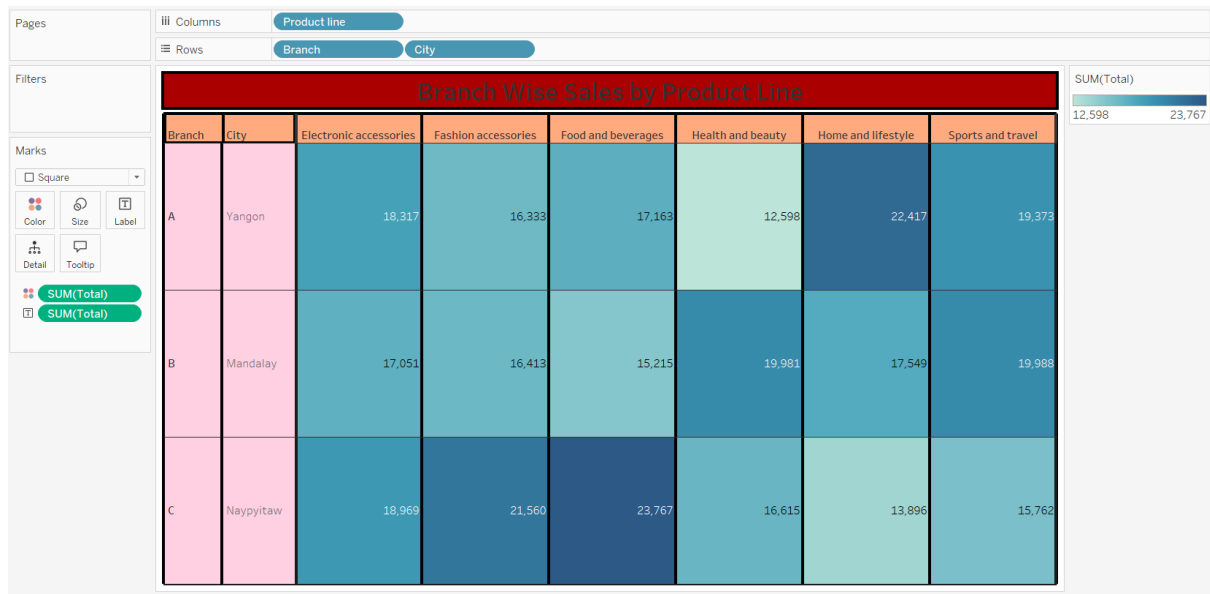
2. Area Chart- Total Sales Over Time

> ➤ **The plot of sum of Total for Date. Color shows details about Branch.**

3. Text Table – Sales Summary by Branch

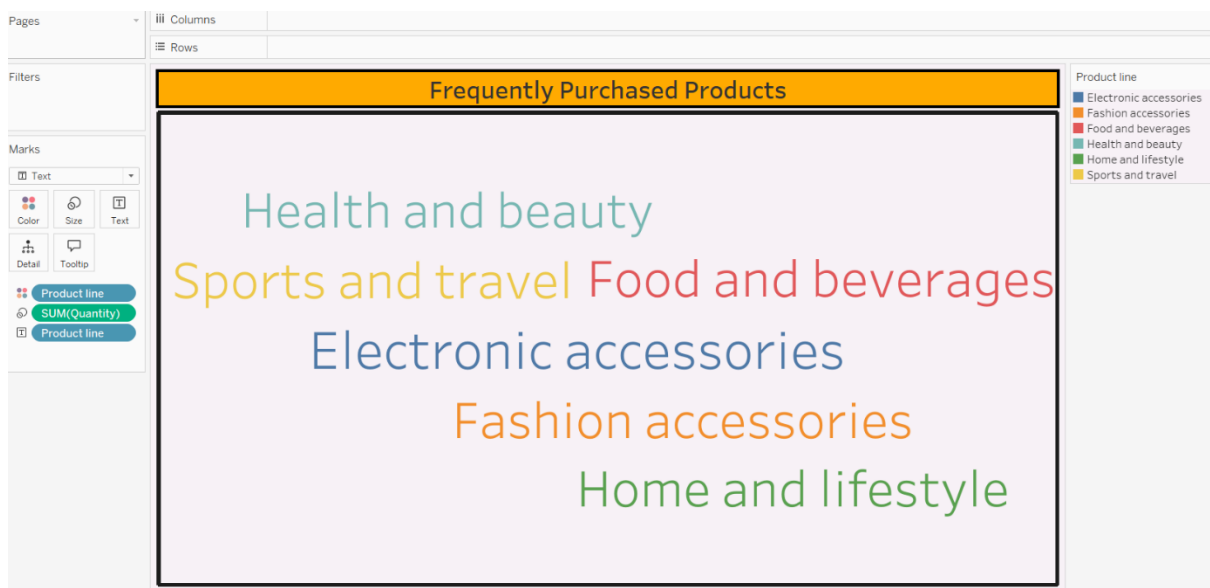| Product line	A	B	C	Grand Total
Electronic accessories	322 872 18,317	316 812 17,051	333 903 18,969	971 2,588 54,338
Fashion accessories	263 778 16,333	297 782 16,413	342 1,027 21,560	902 2,586 54,306
Food and beverages	313 817 17,163	270 725 15,215	369 1,132 23,767	952 2,674 56,145
Health and beauty	257 600 12,598	320 951 19,981	277 791 16,615	854 2,343 49,194
Home and lifestyle	371 1,067 22,417	295 836 17,549	245 662 13,896	911 2,565 53,862
Sports and travel	333 923 19,373	322 952 19,988	265 751 15,762	920 2,625 55,123
Grand Total	1,859 5,057 106,200	1,820 5,057 106,198	1,831 5,265 110,569	5,510 15,379 322,967

> ➤ **Sum of Quantity, sum of Gross Income and sum of Total broken down by Branch vs. Product line.**

4. Highlight Table – Branch Sales by Product Line

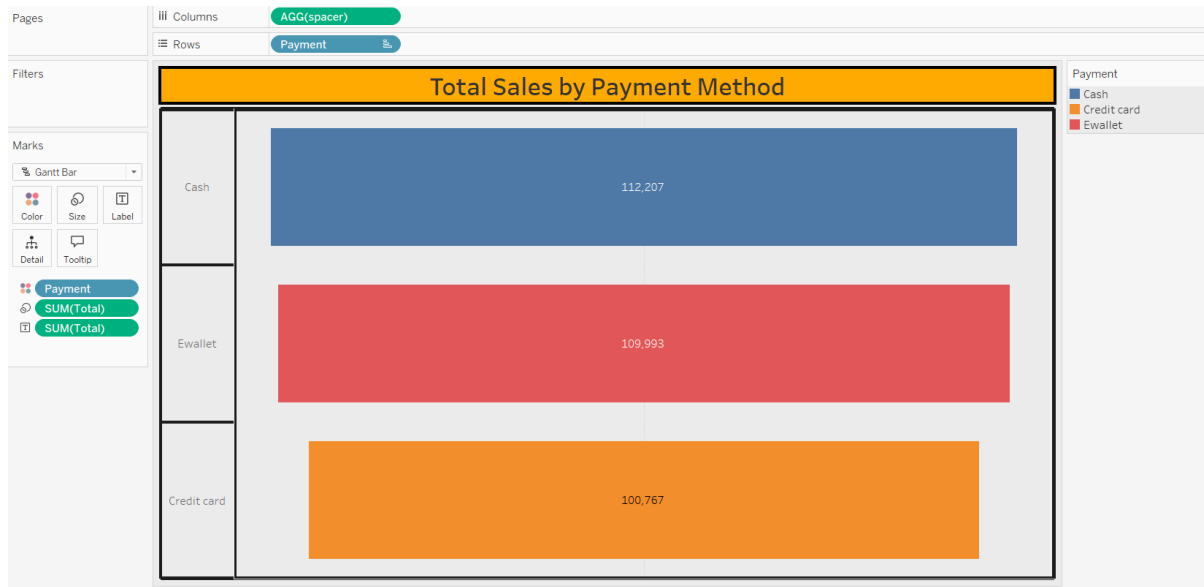| Branch	City	Electronic accessories	Fashion accessories	Food and beverages	Health and beauty	Home and lifestyle	Sports and travel
A	Yangon	18,317	16,333	17,163	12,598	22,417	19,373
B	Mandalay	17,051	16,413	15,215	19,981	17,549	19,988
C	Naypyitaw	18,969	21,560	23,767	16,615	13,896	15,762

> **Sum of Total broken down by Product line vs. Branch and City. Color shows sum of Total. The marks are labeled by sum of Total.**

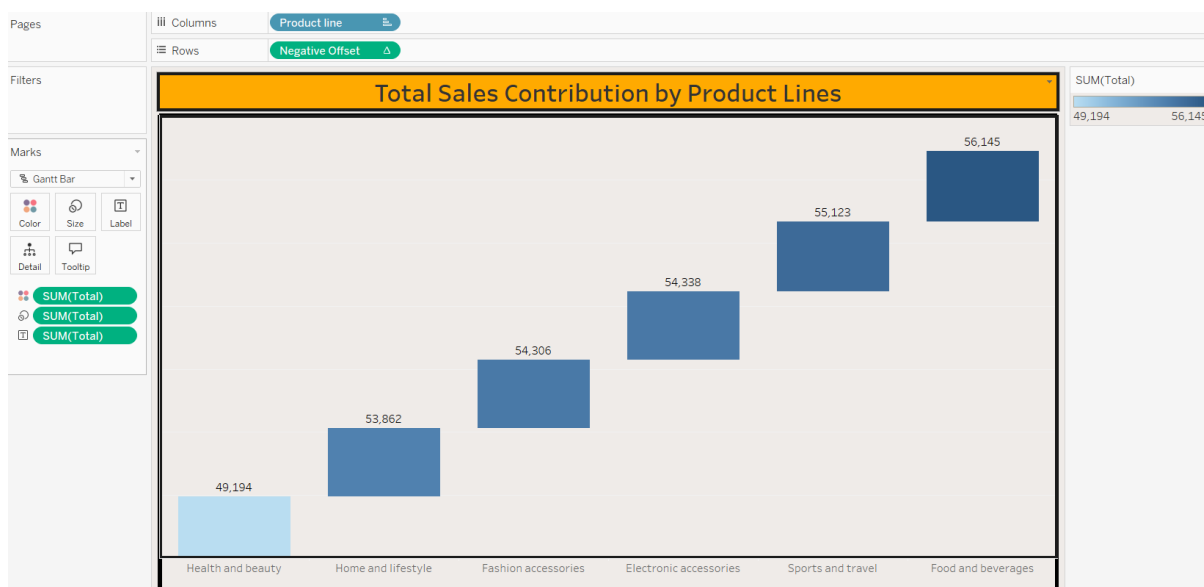# 5.Word Cloud – Frequently Purchased Products

> **Product line. Color shows details about Product line. Size shows sum of Quantity.**

6. Funnel Chart – Total Sales by Payment Method

> ➤ **Spacer for each Payment. Color shows details about Payment. Size shows sum of Total. The marks are labeled by sum of Total.**

7. Waterfall Chart – Total Sales Contribution by Payment Methods

> ➤ **Negative Offset for each Product line. Color shows sum of Total. Size shows sum of Total. The marks are labeled by sum of Total.**